

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051282

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/133427 A1 (CIMINI LEONARD JOSEPH ET AL) 17 July 2003 (2003-07-17)	1-10
Y	paragraphs '0004!', '0005!	13, 14, 16-18, 20
	paragraphs '0022!', '0023!', '0036!' - '0054!' -----	
X	EP 1 227 626 A (MOTOROLA INC) 31 July 2002 (2002-07-31)	11, 12, 15, 19
Y	paragraph '0006!	13, 14, 16-18, 20
	paragraph '0009!' - paragraph '0013!' -----	

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

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- \*&\* document member of the same patent family

Date of the actual completion of the international search

23 December 2004

Date of mailing of the international search report

30/12/2004

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ation on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2003133427	A1	17-07-2003	CA	2411998 A1	19-05-2003
EP 1227626	A	31-07-2002	US	2002147022 A1	10-10-2002
			EP	1227626 A2	31-07-2002